

How are igneous rocks classified?

Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true. Write your answers in the spaces provided.

- _____ 1. Igneous rocks can often be identified by their minerals.
- _____ 2. Texture refers to the shape of the crystals in an igneous rock.
- _____ 3. Granite has small mineral crystals.
- _____ 4. Large crystals form in igneous rocks that take a long time to cool.
- _____ 5. Most igneous rocks that form from magma have small mineral crystals.
- _____ 6. An igneous rock with a coarse texture has very small mineral crystals.
- _____ 7. Igneous rocks with no mineral crystals were formed from lava that cooled very quickly.
- _____ 8. An example of an igneous rock with no mineral crystals is rhyolite.

Skill Challenge

Use the information in the table below to fill in the blank spaces in the table.

CLASSIFYING IGNEOUS ROCKS				
Rock	Formed from	Cooling rate	Crystal size	Texture
Rhyolite	lava			
Gabbro				coarse
Basalt				fine
Pumice				
Obsidian		very fast		
Granite			large	
Andesite				